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talent pool

talent pool

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STEM science, technology, engineering and mathematics

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[[Deepmind [1]]]

AlphaGo Master 0000000000 AlphaGo Master00000AlphaGo Master 000000000
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白 AlphaGo Zero 黒 AlphaGo Master 白 AlphaGo Zero 白 AlphaGo Zero [2] 黒 AlphaGo Master
 白 AlphaGo Master 黒 AlphaGo Zero 黒 AlphaGo Zero 18 白 AlphaGo Zero 白 14 黒 45

1 Nature Magazine AlphaGo Deepmind AlphaGo

2) AlphaGo Zero 陷入 local trap
AlphaGo Zero 陷入 AlphaGo 陷入 AlphaGo 陷入

Clock [superhuman](#) [Superhuman](#) [Nature Magazine](#) [AlphaGo Zero paper](#) [superhuman](#)

superhuman Technological Singularity Demis Hassabis AlphaGo

AlphaGo 与 Turing Machine 与 Deep-learning 与 AlphaGo 与 Deepmind 与 AlphaGo Zero 与 AlphaGo Master 与 AlphaGo Zero 与 AlphaGo Zero

Alan Turing Geoffrey Hinton Demis Hassabis

Demis Hassabis and AlphaGo [4] and Geoffrey Hinton

Turing Machine ██████████ Turing Machine ████████
Geoffrey Hinton ████████ Turing Machine ██████████ Alan Turing ██████████
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[illegible]

Dialogue Concerning the Two Chief Word Systems [5]

The Sceptical of Chemist

On the Origin of Species

□ [6] □

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Leukotomy BRIAN Initiative

Leukotomy

1 personalities mental diseases personalities BRAIN Initiative project

2 Leukotomy Leukotomy BRAIN Initiative AlphaGo

3 personality intelligence Walter Freeman personality intelligence [7]

BRAIN Initiative project NIH BRAIN 2025 Report “there is general agreement that types can be defined provisionally by invariant and generally intrinsic properties” invariant agreement insights “envision an integrated, systematic census of neuronal and glial cell types” dynamic brain mapping “Link brain activity to behavior” “Produce conceptual foundations for understanding the biological basis of mental processes” mental processes behavior

BRAIN Initiative project personality intelligence brain mapping personality intelligence hidden Assumptions

personality intelligence

BRAIN Initiative project brain mapping mental diseases personality intelligence personality intelligence Leukotomy

Leukotomy AlphaGo

personality intelligence mental diseases

BRAIN Initiative brain mapping human level intelligence personalities intelligence mental diseases BRAIN Initiative neurosciences AlphaGo generic human intelligence AlphaGo neurosciences [8]

AlphaGo

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Technological Singularity  
BRAIN Initiative project  
Technological Singularity baseless

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AlphaGo Zero achieved superhuman performance
Demis Hassabis
AlphaGo

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[1] Cracking Go  
Deep Blue  
AlphaGo  
AlphaGo

[2] <http://www.alphago-games.com/>  
AlphaGo Zero  
AlphaGo Zero  
<https://www.101weiqi.com/chessbook/player/38348/>

[3] Crazy Stone  
AlphaGo

AlphaGo

AlphaGo  
Google  
AlphaGo  
AlphaGo Zero  
AlphaGo  
Human level artificial intelligence  
AlphaGo

[4] AlphaGo  
AlphaGo  
AlphaGo

AlphaGo  
AlphaGo

[5] Dialogue Concerning the Two Chief Word Systems  
Socratic Method

[illegible]

[7] [intelligence](#) Demis Hassabis [AlphaGo](#) [intelligence](#) [intelligence](#)

[8] <https://www.youtube.com/watch?v=UuUjYwK6Q58>  
 AlphaGo 世界最強の囲碁AIが、人類最強の囲碁プレイヤーと対戦した瞬間